

**MONTANA STATE AVIATION SYSTEM PLAN  
1995 UPDATE  
FIELD INSPECTION FORM**

AIRPORT:	SUPERIOR (9S4)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	SUPERIOR	APPROACH TYPE:	VISUAL
CONTACT:	GERALD GESKE	DATE INVENTORIED:	12-18-95
PHONE #:	822-4917	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 12/30 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	125' (1)		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	150'		✓
AIRCRAFT PARKING FROM CENTERLINE:	125'	194.5'		✓
RUNWAY WIDTH:	60'	72'-74'		✓
RUNWAY LENGTH:	4,720' (2)		3,400'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(3) - (8)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1" - FLUSH		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
<b>RUNWAY 12 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,771.40	N/A
<b>RUNWAY 30 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	(9)		NO
RUNWAY END ELEVATION:			2,776.5	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	15'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	215'		NO
TYPE:	MIRL - STAKE MOUNTED - LOVELL?			N/A
CONDITION:		POOR (10)		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 12</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	3'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	15'		NO
COLOR:	RED/GREEN	RED/GREEN - MANAIRCO		✓
<b>THRESHOLD 30</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	3'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	15'		NO
COLOR:	RED/GREEN	RED/GREEN - MANAIRCO		✓

COMMENTS: (1) NO HOLD LINES PRESENT ON HALF-CIRCLE RUNWAY END TURNAROUNDS

(1) RW LENGTH OF 3,440' FOR 75%, 4,240' FOR 95% AND 4,720' FOR 100% COVERAGE; ALP ULT OF 3,400' SHOWN

(3) TREES NORTH OF RNWY END 12 ARE @ 39% - IN TRANSITIONAL SURFACE

(4) THREE UTILITY POLES PAST RUNWAY END 30 AND POLES SOUTH OF EAST HALF OF RNWY IN TRANS. SURF.

(5) TREES NORTH OF RNWY END 30 ARE @ 47% - IN TRANSITIONAL SURFACE (ENTIRE N. SIDE OF RNWY)

(6) TREES SOUTH OF RNWY END 30 ARE @ 33% - IN TRANSITIONAL SURFACE

(7) TREES BY APRON (18%), UTILITY POLE BY HANGARS(26%) & HANGARS (17% - 22%) IN TRANSITIONAL SURFACE

(8) BEACON (15.5%) AND WINDCONE (17.5%) IN TRANSITIONAL SURFACE

(9) TREES ON BOTH SIDES OF CL IN APPROACH SLOPE (6-8%) ; (10) MANY BROKEN GLOBES AND LIGHTS

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	REQUIRED	ACTUAL	ALP	CONFORM
<b>TAXIWAY INVENTORY</b>				
TAXIWAY WIDTH:	25'	25'		✓
TAXIWAY SAFETY AREA WIDTH:	79'	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	131'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1.5" - FLUSH		NO
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
<b>TAXIWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	NONE (1)		N/A
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	↓		
TYPE:				
CONDITION:				
COLOR:	BLUE	▼		

**MISCELLANEOUS**

TYPE OF BEACON: 30-35' METAL TOWER, ~350' S. OF CL

SIZE OF BEACON: 12"

OTHER LIGHTING AIDS (VASI,PAPI,REIL): NONE

WINDCONE (CONDITION & COMPLIANCE): ~225' S. OF CL, LIGHTED, POOR COND

SEGMENTED CIRCLE (CONDITION & COMPLIANCE): METAL PANEL IN POOR COND

WINDCONE (CONDITION & COMPLIANCE):

SEGMENTED CIRCLE (CONDITION & COMPLIANCE):

FENCING: FAIR

SIGNS: (TYPE, CONDITION, PLACEMENT) NONE

**COMMENTS:**

(1) ONE HALF SET OF ENTRANCE TAXIWAY BLUE LIGHTS

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